KB Alloys 10% Strontium Aluminum Rod, Bar

Category : Metal , Nonferrous Metal , Aluminum Alloy

Material Notes:

With the use of master alloys containing special addition agents, many characteristics can be imparted to aluminum alloys. Master alloys containing beryllium are added to aluminum magnesium melts at low levels to reduce magnesium losses. Small beryllium additions also improve surface quality of DC billet as well as impart improved mechanical properties to premium quality aluminum casting. The electrical and thermal conductivity of aluminum can be improved by the addition of trace amounts of boron to eliminate the undesirable effects of chromium, titanium, vanadium and zirconium. Boron also provides an effective grain refiner for aluminum silicon alloys. The use of Aluminum Strontium to modify the silicon phase of hypoeutectic aluminum silicon casting alloys from coarse platelets to a fine fibrous structure is a widely accepted practice. This results in improved casting soundness and mechanical properties, particularly ductility.Information provided by KB AlloysAl. Assoc. Registration No: H2017

Order this product through the following link:
http://www.lookpolymers.com/polymer_KB-Alloys-10-Strontium-Aluminum-Rod-Bar.php

Component Elements Properties	Metric	English	Comments
Aluminum, Al	86.83 - 89.23 %	86.83 - 89.23 %	
Boron, B	0.15 - 0.25 %	0.15 - 0.25 %	
Calcium, Ca	0.020 %	0.020 %	
Iron, Fe	0.30 %	0.30 %	
Other, each	0.050 %	0.050 %	
Other, total	0.15 %	0.15 %	
Silicon, Si	0.20 %	0.20 %	
Strontium, Sr	9.0 - 11 %	9.0 - 11 %	
Titanium, Ti	0.90 - 1.2 %	0.90 - 1.2 %	

Descriptive Properties	Value	Comments
Form	Rod, Bar	

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